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		D.C. Reynolds et al., "Photovoltaic Effect in Cadmium Sulfide", Letter to the Editor, pg. 533-534.									
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	vol. 74, No. 21, p	g. 3212-3	214, May 24	1999.	<u> </u>						
<i>i 1</i>	Putz et al., "Spin-	Putz et al., "Spin-Coating of MoS2 Thin Films".									
	Schon et al., "Sol	ution Pro	cessed CdS T	hin Film Transistors	", Elsev	ier, Thin Films	s 385 (2	001) 🗸			
	271-274.										
	Mitzi et al., "Org	anic-Inorg	ganic Electron	nics", IBM Res. & De	ev. , vol	. 45, No. 1, Jar	nuary 20	001.			
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. 1	Davies et al., "A Novel Method for the Preparation of Inorganic Sulfides and Selenides I. Binary Materials and Group II-VI Phosphors", Journal of the Electrochemical Society, 147 (2), 765-771									
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	2000.									
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\J.	Sulfides/Selenide.	s", Journa	l of the Elect	rochemical Society,	148 (7),	D89-1	D-93, 200)1.		
1	Ridley et al., "All	-Inorgani	c Field Effec	t Transistors Fabrica	ated by I	Printin	ig",			
	www.sciencemag	g.org, vol.	286, October	22, 1999.						
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	Gan et al., "Prepa	ration of I	Thin-Film Tr	ansistors with Chem	ical Ba	th Deposited (CdSe and	l CdS	
i il	Thin Films", IEE	=				•			
				stor Based on a Low	-Tempe	rature Melt-Pi	rocessed	1	
W	Channel Layer",	Advanced :	Materials, v	ol. 14, No. 23, Decer	nber 3,	2002.			
/ i/)	Dimitrakopulos e	t al., "Orga	anic Thin-Fi	lm Transistors: a Re	view of	Recent Advan	ces", IBI	м Ј. "	
CV	Res. & Dev., vol.	45, No. 1,	January 200)1.					
۱, ۷	Domingo et al., "	Fundamen	tal Optical A	Absorption in SnS2 a	nd SnSe	2", Physical R	Review, I	March	
W	1966.								
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	Ben G. Steersman	, "Solid S	tate Electron	ic Devices", Secon	nd Edition	, Prentice-I	Hall, Inc., p	g. 443			
, 1	Ben G. Steersman, "Solid State Electronic Devices", Second Edition, Prentice-Hall, Inc., pg. 443 Crunches et al., "Composition of CuInS2 Thin Films Prepared by Spray Pyrolysis", Elsevier,										
	www.elsevier.com/locate/tsf, Thin Solid Films 403-404 (2002) 71-75.										
0	S. M. Sze, "Physics of Semiconductor Devices", Joh Wiley & Sons, pg.849.										
	Shibata et al., "Electrical Characterization of 2H-SnS2 Single Crystals Synthesized by the Low										
\mathcal{O}_1	Temperature Chemical Vapor Transport Method", J. Phys. Chem. Solids, vol. 52, No. 3, pg. 551-										
	553, 1991.										
/)	Sankapal et al., "Successive Ionic Layer Adsorption and Reaction (SILAR) Method for the										
, (/)		Deposition of Large Area (~10 cm2) Tin Disulfide (SnSn2) Thin Films", Material Research									
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1 , 1	J. Vanfleteren, ".	Polycrystal	lline CdSe F	ilms for Thin Film T	ransisto	rs",	Journal of	Crystal	'	
	Growth 86 (1988	3) 924-928.								
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0	Chern et al., "Spin-Coated Amorphous Chalcogenide Films", J. Appl. Phys. 53 (10), October									
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